

FM Contour Study

du Treil, Lundin, & Rackley, Inc., Sarasota, Florida



Channel: 297 **Coordinates:** 037-20-48 080-02-08 (NAD 27) **ERP:** .125 kW **Max. HAAT:** 367 m **Considering Only Interference Caused**

Comment:

Callsign	Chan.	Service	Status	Freq.	City	State	Co.	Rec.	Latitude	Dist. (km)	Sep. (km)	Spac. (km)
Facility ID	ARN			Class	DA	73.215	ERP (kW)	HAAT (m)	Longitude	Bear. (deg)	Comment	
WZZI	295	FM	LIC	106.9	BEDFORD	VA	US	C	37-19-14	35.79	30.48	5.31
15188	BMLH	20080904AAE	A	N	Y		0.29	389	079-37-59	94.54	CLOSE	
WZZI 60.0 dBu desired distance: 29.7 km				Proposed 100.0 dBu undesired distance: 0.8 km								
WPSK-FM	296	FM	LIC	107.1	PULASKI	VA	US	C	37-01-28	72.55	74.33	-1.78
48621	BLH	19911213KF	C3	N	Y		1.75	368	080-44-47	240.58	SHORT	
WPSK-FM 60.0 dBu desired distance: 42.9 km				Proposed 54.0 dBu undesired distance: 31.4 km								
W249AG	297	FX	CP	107.3	ROANOKE	VA	US	C	37-13-56	12.74	76.12	-63.38
5146	BPFT	20100819AAG	D	N	N		0.01	129	080-02-46	184.2	SHORT	
W249AG 60.0 dBu desired distance: 10.1 km				Proposed 40.0 dBu undesired distance: 66.0 km								
NEW	298	FX	APP	107.5	COVINGTON	VA	US	C	37-47-36	50.4	60.07	-9.67
148092	BNPFT	20030317LJD	D	N	N		0.25	299.3	079-55-57	10.33	SHORT	
NEW 60.0 dBu desired distance: 28.7 km				Proposed 54.0 dBu undesired distance: 31.4 km								
WYYD-FM1	300	FB	LIC	107.9	ROANOKE	VA	US	C	37-22-23	9.99	41.44	-31.45
74283	BLFTB	20070104ABS	D	D	N		2		079-55-40	72.85	SHORT	
WYYD-FM1 60.0 dBu desired distance: 40.7 km				Proposed 100.0 dBu undesired distance: 0.8 km								
WYYD	300	FM	LIC	107.9	AMHERST	VA	US	C	37-28-19	60.16	77.02	-16.86
74282	BLH	20081117AAL	C1	N	N		19	549	079-22-28	76.38	SHORT	
WYYD 60.0 dBu desired distance: 76.3 km				Proposed 100.0 dBu undesired distance: 0.8 km								
WYYD-FM1	300	FB	CP	107.9	ROANOKE	VA	US	C	37-17-02.5	8.17	22.34	-14.17
74283	BPFTB	20110304ABA	D	C	N		2.5		079-59-13.9	148.43	SHORT	
WYYD-FM1 60.0 dBu desired distance: 21.6 km				Proposed 100.0 dBu undesired distance: 0.8 km								

Notes:

- Contour overlap requirements met with respect to WPSK-FM and NEW, Covington, VA (Channel 298). See Allocation Study Map with respect to these stations.
- Although the contour overlap requirements are not met with respect to third-adjacent station WYYD and its booster facility, WYYD-FM1, it is demonstrated herein that no interference will be caused to any populated areas or publicly accessible areas. A waiver of Section 74.1204 of the FCC Rules is requested to the extent necessary since it is demonstrated that no actual interference will occur to WYYD or WYYD-FM1. The Allocation Study Maps with respect to WYYD and WYYD-FM1 demonstrate that the predicted interference zones in all cases is devoid of any population, buildings or publicly accessible roads.